

IN THE CLAIMS:

Please amend the claims as follows:

Sub C1

20. (Twice Amended) An isolated haemopoietin receptor comprising:

- (i) an amino acid sequence having at least about 90% identity to the amino acid sequence set forth in any one of SEQ ID NO: 13, 15, 17, 19, 25 and 29;
- (ii) an amino acid sequence encoded by a nucleotide sequence having at least about 85% identity to the nucleotide sequence set forth in any one of SEQ ID NO: 12, 14, 16, 18, 24 and 28; or
- (iii) an amino acid sequence encoded by a nucleotide sequence which hybridizes under high stringency conditions to the nucleotide sequence set forth in any one of SEQ ID NO: 12, 14, 16, 18, 24 and 28;

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wherein said receptor further comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.

Sub C3

22. (Twice Amended) The isolated haemopoietin receptor according to claim 21 comprising the amino acid sequence set forth in SEQ ID NO: 13.

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23. (Twice Amended) The isolated haemopoietin receptor according to claim 21 comprising the amino acid sequence set forth in SEQ ID NO: 15.

24. (Twice Amended) The isolated haemopoietin receptor according to claim 21 comprising the amino acid sequence set forth in SEQ ID NO: 17.

25. (Twice Amended) The isolated haemopoietin receptor according to claim 21 comprising the amino acid sequence set forth in SEQ ID NO: 19.

sub G3 cont.
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cont

26. (Twice Amended) The isolated haemopoietin receptor according to claim 21 comprising the amino acid sequence set forth in SEQ ID NO: 25.

27. (Twice Amended) The isolated haemopoietin receptor according to claim 21 comprising the amino acid sequence set forth in SEQ ID NO: 29.

sub G4
35. (Amended) An isolated haemopoietin receptor comprising an amino acid sequence having at least about 90% identity to the amino acid sequence set forth in any one of SEQ ID NO: 13, 15, 17, 19, 25 and 29, wherein said receptor further comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.

sub G5
37. (Amended) An isolated haemopoietin receptor comprising an amino acid sequence encoded by a nucleotide sequence having at least about 85% identity to the nucleotide sequence set forth in any one of SEQ ID NO: 12, 14, 16, 18, 24 and 28, wherein said receptor further comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.

sub G6
39. (Amended) An isolated haemopoietin receptor comprising an amino acid sequence encoded by a nucleotide sequence which hybridises under high stringency conditions to the nucleotide sequence set forth in any one of SEQ ID NO: 12, 14, 16, 18, 24 and 28, wherein said receptor further comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.

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41. (Amended) An isolated haemopoietin receptor according to claim 39 wherein said high stringency conditions comprise from at least about 31% v/v to at least about 50% v/v formamide

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cont
for hybridisation, and from at least about 0.01M to at least about 0.15M salt at about 42°C for washing.

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43. (Amended) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 13.

44. (Amended) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 15.

45. (Amended) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 17.

46. (Amended) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 19.

47. (Amended) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 25.

48. (Amended) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 29.

REMARKS

In the Final Action dated August 28, 2001, claims 20-27 and 35-48 are pending and under consideration. Claims 20-27 and 35-48 are rejected under 35 U.S.C. §101 as allegedly not supported by either a specific and substantial asserted utility or a well-established utility. Claims 20-27 and 35-48 are also rejected under 35 U.S.C. §112, first paragraph, allegedly because the specification fails to teach those skilled in the art how to use the invention as claimed. Claims 20-27 and 35-41 are further rejected under 35 U.S.C. §112, second paragraph, as allegedly indefinite. In addition, claims 20, 22-27, 37, 39 and 43 are objected to for certain informalities.